

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT



APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER GMBU S-22-9-15			
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT MONUMENT BUTTE			
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)			
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825			
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com			
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-027345			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')			
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')			
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>			

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1906 FSL 683 FEL	NESE	22	9.0 S	15.0 E	S
Top of Uppermost Producing Zone	1481 FSL 1136 FEL	NESE	22	9.0 S	15.0 E	S
At Total Depth	1086 FSL 1581 FEL	SWSE	22	9.0 S	15.0 E	S

21. COUNTY DUCESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 1581		23. NUMBER OF ACRES IN DRILLING UNIT 20	
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 822		26. PROPOSED DEPTH MD: 6017 TVD: 5870	
27. ELEVATION - GROUND LEVEL 6441		28. BOND NUMBER WYB000493		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
PROD	7.875	5.5	0 - 6017	15.5	J-55 LT&C	8.3	Premium Lite High Strength	278	3.26	11.0
							50/50 Poz	363	1.24	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Mandie Crozier	TITLE Regulatory Tech	PHONE 435 646-4825
SIGNATURE	DATE 09/29/2013	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED 43013525000000		
APPROVAL Permit Manager		

T9S, R15E, S.L.B. & M.

22

WELL LOCATION: S-22-9-15
 ELEV. EXIST. GRADED GROUND = 6441'

Old Indian Treaty Boundary
 Mile Marker 30 (Set Sandstone, Rebar)
 Marker 31 (Stone in re Brace)
 Marker 32 (5/8" Rebar Cedar Post)

Survey Measurements:
 561.04', 1866.45' (Meas. to True), 1867.81' (Meas. to C.C.), 589°04'15"W, 589°12'06"W - 2635.95' (Meas.), 1910 Brass Cap, Pile of Stones, 1910 Brass Cap, 502°43'40"W - 5437.22' (Meas.), 4876.18', 416.59', 5106.88' (Meas.), 4690.29', 2192.14' (Meas. to True), 2192.78' (Meas. to C.C.), 589°11'20"W, 589°13'09"W - 2639.24' (Meas.), 1910 Brass Cap c.c., 1910 Brass Cap, 1910 Brass Cap, 1910 Brass Cap, 1214.69', 546°47'25"W, 933.44', 683', 1373', 1581', 1906', 1086', 1276', 281.25', Center of Pattern, Top of Hole, Bottom of Hole, 1214.69', 546°47'25"W, 933.44', 683', 1373', 1581', 1906', 1086', 1276', 281.25', Center of Pattern, Top of Hole, Bottom of Hole

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

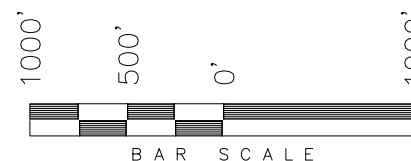
NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°00'45.50"	LATITUDE = 40°00'43.43"
LONGITUDE = 110°12'49.42"	LONGITUDE = 110°12'52.44"

NAD 27 (CENTER OF PATTERN)	NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°00'45.63"	LATITUDE = 40°00'43.43"
LONGITUDE = 110°12'46.87"	LONGITUDE = 110°12'44.44"


NAD 83 (SURFACE LOCATION)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°00'51.12"	LATITUDE = 40°00'51.12"
LONGITUDE = 110°12'40.00"	LONGITUDE = 110°12'38.00"

NEWFIELD EXPLORATION COMPANY

TARGET BOTTOM HOLE, S-22-9-15,
LOCATED AS SHOWN IN THE SW 1/4
SE 1/4 OF SECTION 22, T9S, R15E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

 = SECTION CORNERS LOCATED

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS
PREPARED FROM FIELD WORK OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 1000737
STATE OF UTAH

	NAD 83 (SURFACE LOCATION)
	LATITUDE = 40°00'51.72"
	LONGITUDE = 110°12'40.56"
	NAD 27 (SURFACE LOCATION)
	LATITUDE = 40°00'51.85"
	LONGITUDE = 110°12'38.01"
NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°00'45.50"	LATITUDE = 40°00'43.63"
LONGITUDE = 110°12'49.42"	LONGITUDE = 110°12'52.09"
NAD 27 (CENTER OF PATTERN)	NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°00'45.63"	LATITUDE = 40°00'43.76"
LONGITUDE = 110°12'46.87"	LONGITUDE = 110°12'49.54"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 02-04-13	SURVEYED BY: Q.M.	VERSION:
DATE DRAWN: 03-29-13	DRAWN BY: M.W.	V2
REVISED:	SCALE: 1" = 1000'	

V2